

What is claimed is:

1. An input bearing adjuster system comprising:

a differential carrier assembly having a set of threads on an interior surface;

5 an input bearing adjuster having a complementary set of threads on an exterior surface;

an input bearing system of a differential comprising an outer race in contact with said input bearing adjuster and an inner race in contact with an input shaft and an input bearing; and

10 a locking mechanism to selectively secure said input bearing adjuster to said differential carrier;

wherein said threads of said bearing adjuster are engaged with said threads of said differential carrier assembly to adjust both the preload and/or the endplay of said input bearing.

15 2. The input bearing adjuster system according to claim 1, wherein said locking mechanism comprises a screw.

3. The input bearing adjuster system according to claim 1, wherein no endcap is necessary for the differential carrier.

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4. The input bearing adjuster system according to claim 1, wherein no shims are necessary to adjust the position of the input bearing adjuster relative to the differential carrier.